

DISCIPLINE: Geographic Information Systems (GIS)

Discipline Roadmap for: Geographic Information Systems (GIS)

Current

2 Years

5 Years

ESRI Suite

General GIS: ESRI Suite

Intergraph

Engineering GIS: Intergraph

Maptitude

Strategic Direction

Market Watch

Shared

Agency
✓

Retirement Targets

Mainstream Platforms (must be supported)

ESRI, Intergraph

Containment Targets

Maptitude (runs on Windows XP & 2000 OS)

Emerging Platforms

Implications and Dependencies

- GPS-Transfer standards to ESRI and Intergraph such as Trimble & Magellan (Thales Navigation)
- ERDAS Imagine image classification system and Image/Stereo Analyst for image integration in ArcGIS

Roadmap Notes

- Need state GIS coordinator, creation/empowerment of GIS Coordination Council, implementation of GIS plan.

DISCIPLINE: Geographic Information Systems (Cont'd)

Discipline Roadmap for: Geographic Information Systems (GIS)

■ **Discipline Boundaries:**

- ❑ GPS is included in this discipline only to the extent that GPS devices have the capability of exporting data accurately to ESRI and INTERGRAPH application suites.

■ **Discipline Standards:**

- ❑ Federal Geographic Data Committee (FGDC) and other applicable data standards
- ❑ ESRI, Intergraph

■ **Migration Considerations:**

- ❑ Costs, Data/record formats and compatibility

■ **Exception Considerations:**

- ❑ <Add text>

■ **Miscellaneous Notes:**

- ❑ The GIS PlanGraphics Reports (Volume 1 and Volume 2) dated 4/30/2001 and preceding needs analysis have been obtained (SEE:<http://www.scgs.state.sc.us/smac/default.htm>).

■ **Established Date:**

- ❑ November 19, 2003

■ **Date Last Updated:**

- ❑ September 27, 2006

■ **Next Review Date:**

- ❑ September 2007